

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chen

Serial No.: 09/546823

Filing Date: April 11, 2000

Docket No.: 4740-088

Title: SYSTEM AND METHOD FOR PACKET DATA SERVING NODE (PDSN) INITIAL ASSIGNMENT AND RESELECTION

MS PGPUB Drawings Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Examiner: Mr. Andrew Lee

Group Art Unit: 2663

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS PGPUB Drawings, Commissioner for Patents, P.O. Box 1450, Alexandria, VA

22313-1450, on July 9, 2004.

Alfenso G. Sandoval

SUBMISSION OF FORMAL DRAWINGS

Sir:

In response to the Notice of Allowance dated June 15, 2004, relating to the aboveidentified U.S. Patent Application, please find enclosed one copy of formal drawings, Figures 1 through 7, as requested by Examiner Lee.

Respectfully submitted,

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Dated: July 9, 2004

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Title: System and Method for Packet Bata Serving Node (PDSN) Initial Assignment and Reselection Serial No.: 09/546823 Page 1 of 3 MSC IWF **CALL CONTROL** FIG. 1 **ASYNC DATA** MOBILITY **SWITCH** FAX (PRIOR ART) **MANAGEMENT** A1L A2 **A5** TARGET BS AXA3 (USER TRAFFIC) R-P **INTERFACE** BSC BSC **INTERFACE** A3 (SIGNALLING) SDU A8 (USER TRAFFIC) A10 (USER TRAFFIC) A7 (SIGNALLING) **FUNCTION PCF PDSN** A9 (SIGNALLING) ALL (SIGNALLING) BTS **BTS SOURCE BS** _10 PDSN#1 PDSN#2 PDSN#0 ADD 001 ADD 002 ADD 003 16 FIG. 2 PCF 1 PCF₂ PCF 3 22 18 20 24 _10 MS1 PDSN #0 PDSN#1 PDSN #2 PDSN #3 ADD 002 ADD 001 ADD 004 **ADD 003** 12 26 14 16 PCF 1 PCF 2 <u>20</u> 18 FIG. 3 24. MS1

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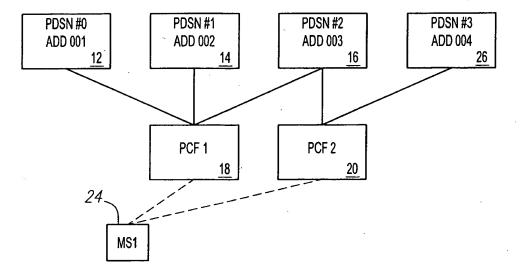
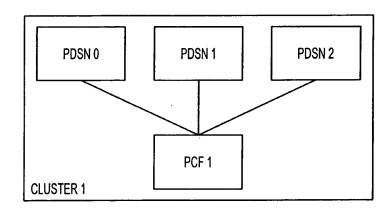


FIG. 4



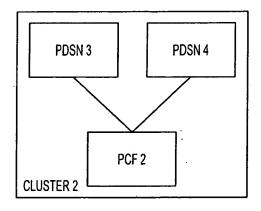


FIG. 5



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WIRELESS COMMUNICATION SYSTEM

REQUESTING PACKET DATA COMMUNICATIONS

GENERATING A RECORD OF UNIQUE PDSN ID
NUMBERS

ASSIGNING A UNIQUE MS IDENTIFICATION NUMBER
(ID) TO FIRST MS

PRODUCT: PDSN SELECTED IN RESPONSE TO
NUMBER OF PDSN ID NUMBERS IN THE RECORD

FIG. 6

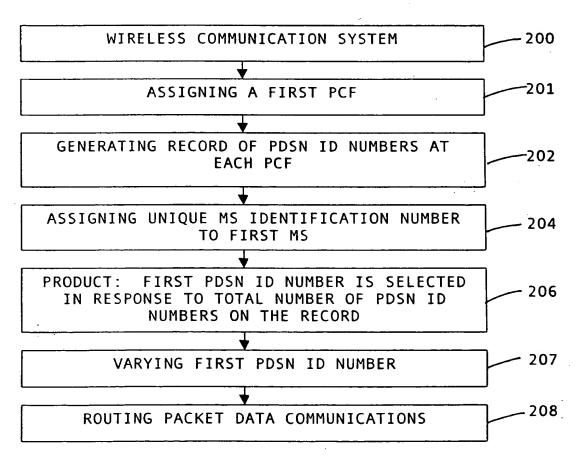


FIG. 7